Annual Examination **CHEMISTRY** **2018 – 19**

Section – A

Multiple Choice Questions (MCQ's)

Q.1 Choose the correct answer for each from the given options.

1. The heat evolved during the formation of 1 mole of water from H_2 and O_2 is:
   (a) 286 KJ / mole (b) 186 KJ / mole (c) 300 KJ / mole (d) 200 KJ/ mol
2. Deuterium is present in natural hydrogen in the ratio:
   (a) 1 : 12000 (b) 1 : 15000 (c) 1 : 17000 (d) 1 : 18000
3. Diamond is used for abrasive, because it is:
   (a) Hard (b) Soft
   (c) Cubic (d) Bad conductor of electricity
4. The formula of Nitric acid is:
   (a) HNO_2 (b) HNO_3 (c) HNO_5 (d) HNO_7
5. The branch of chemistry which deals to determine the quality and quantity of substance is called:
   (a) Organic (b) Physical (c) Analytical (d) Inorganic
6. 5 moles of H_2O are equal to:
   (a) 70 g (b) 80 g (c) 90 g (d) 100 g
7. Charge on an electron is:
   (a) 1.602×10^{-16} C (b) 1.602×10^{-17} C
   (c) 1.602×10^{-18} C (d) 1.602×10^{-19} C
8. Mendeleev's periodic table contained ________ periods.
   (a) 8 (b) 10 (c) 12 (d) 14
9. The formula of iron pyrite for getting SO_2 from pyrite burner is:
   (a) FeS (b) Fe_2S_3 (c) FeS_2 (d) Fe_2S_2
10. Which of the following will release chlorine from hydrochloric acid?
    (a) Na (b) MnO_2 (c) KOH (d) $CuSO_4$
11. Chromite is found in Pakistan at:
    (a) Azad Kashmir (b) Punjab (c) Sindh (d) Balochistan
12. The first synthetic organic compound is:
    (a) Methane (b) Ethane (c) Urea (d) Acetic Acid
13. Red ink is normally prepared from:
    (a) Oak Plant (b) Linseed Oil (c) Silver Nitrate (d) Brazil wood
14. Double covalent bond is denoted by:
    (a) Single short line (b) Two short lines
    (c) Three short lines (d) None of these
15. Neither definite shape nor volume is property of:
    (a) Solid (b) Liquid (c) Gas (d) Plasma
16. The process in which a solid directly changes to vapours is known as:
    (a) Sublimation (b) Evaporation (c) Diffusion (d) Fusion
17. An ionic compound, that is formed when an acids neutralizes a base is called:
    (a) Acids (b) Bases (c) Salts (d) Neutral